

TP-Series: Integrally geared centrifugal compressor for gas and air, up to 70 bar.



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Driven by integral gear technology, Atlas Copco's TP centrifugal gas compressor offers maximum reliability and efficiency for dozens of air and gas applications. It provides cost-effective, sustainable service in facilities all over the world. TP-Series compressors are known for their dependable and innovative service, as well as their adherence to API specifications. The TP-Series handles flow volumes up to 20 000 m³/h at suction temperatures ranging from -40°C/-40°F to 200°C/392°F. It handles all gases.

Customer benefits

- Small footprint** - Installation costs and occupied floor space are reduced by a compact packaging design.
- Maximum efficiency** in impeller design.
- Customizable** - Option to use a custom combination of standardized components.
- Flexibility** - Adjustable inlet guide vanes offer a wide operating range and excellent partial load performance.

Additional information

[CT Product Catalogue](#) (1486kB, Pdf document) - [Download](#)

Technical data

Units: [Metric](#) [Imperial](#)

Technical Specifications	
Max. suction pressure	725.2 psia
Max. discharge pressure	1015.3 psia
Effective inlet flow range	147.14 - 11771.56 cfm
Suction temperature	-40 - 392 °F
Stages	2 - 5
Gases handled	all gases

Total customer care

Your bottom line, maximum availability of our equipment at minimum total operating cost, is the top priority for all of us at Atlas Copco. Our way of achieving that builds on interaction, on long-term relationships and involvement in your processes, needs and objectives. Our organization and people are committed to the maximum operational availability and efficiency of your compressed air network. Total customer care is our goal at any level of service interaction with you; from standardized genuine parts over tailor-made service plans to remote monitoring and optimization. We want you to see Atlas Copco as a real performance partner that can contribute to the productivity of your processes. The best way of taking care of your interest is by taking the best care of your equipment.

Save energy

With their detailed and extensive knowledge of compressed air, our energy and air consultant engineers will be able to determine an acceptable operating balance, that is both within the capabilities of your compressors and also adequate to satisfy your production with minimized operational running costs.

[Read more about Save energy](#)

Monitor your products



Keeping an eye on your equipment at all times is the best way for Atlas Copco to prevent production loss due to a breakdown. This inside view on your operation allows us to plan for maintenance pro-actively.

[Read more about Monitoring](#)

Customer support plans

What you need is a solution to keep your production optimal at all time and preferably at the lowest operating cost. Our specialized advisors will visit your production facilities and assess your specific needs. This allows us to propose the most cost effective Customer Support Plan for your maintenance needs.

[Read more about Support Plans](#)

Upgrade your product

Our upgrade kits are the result of continuous engineering work to make the latest technology available for your existing equipment range. This will inevitably improve the key performance features such as energy consumption and reliability. Intelligent use and the sustained health of core parts are the basic requirements for the lifelong optimum availability of your equipment.

[Read more about Product upgrades](#)

Genuine parts

Because Atlas Copco genuine parts are built according to the same quality standards as your compressor, you are guaranteed that your production, even after servicing your compressor, will remain at the same high level.

[Read more about Genuine parts](#)